

5th Annual STEM Kids Conference

October 20, 2012

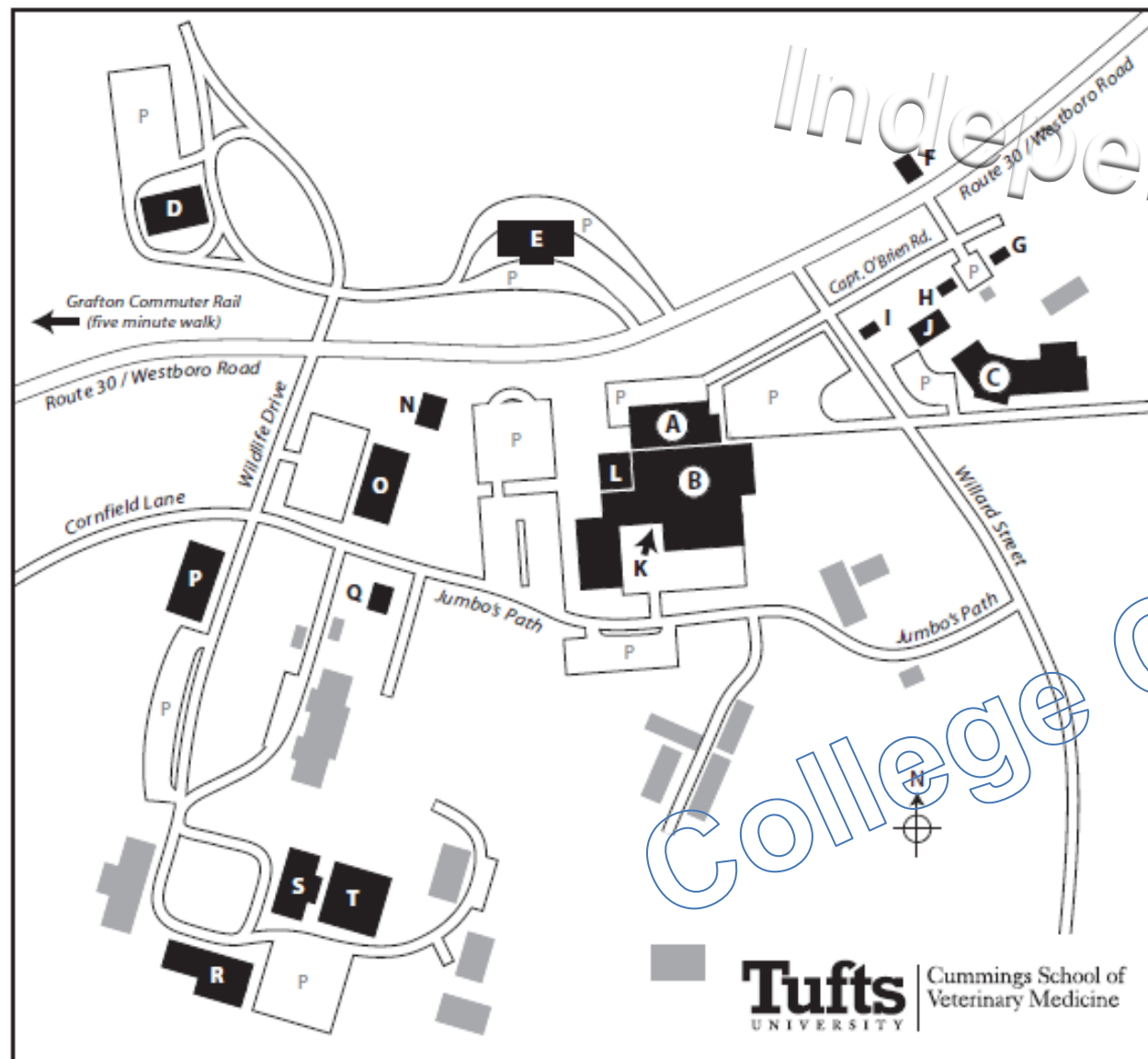
Tufts Cummings Veterinary School



Cummings School of Veterinary Medicine **CAMPUS MAP**

200 Westboro Road, North Grafton, MA 01536

4/27/09



Opening Activity

Close your eyes and picture yourself ten years from now...

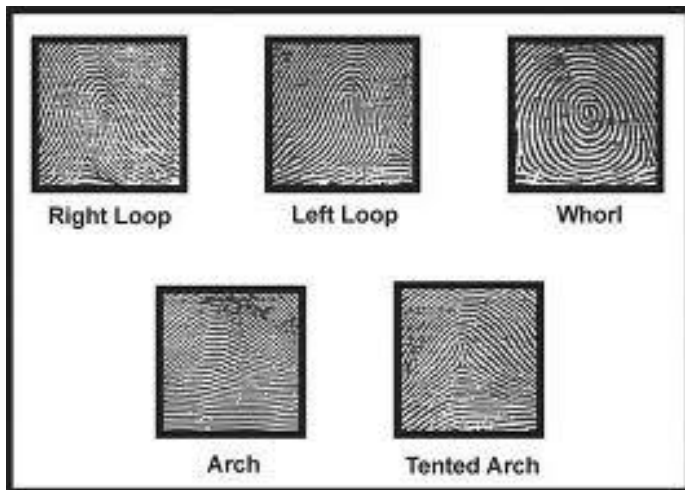
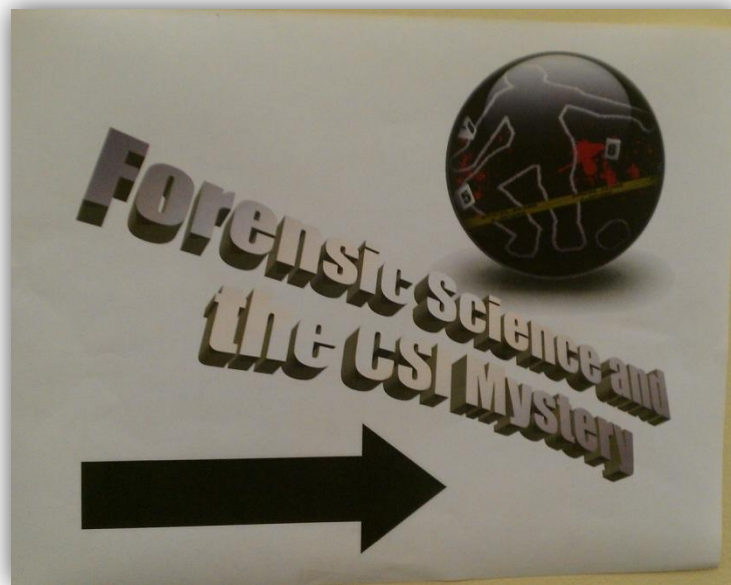
During the Opening Activity we...

- Talked about what we saw ourselves doing for careers as adults
- Learned about the S.T.E.M. Kids program
- Listened to an overview of the day!



CSI Mystery

Shown images of crime scenes
Fingerprinted ourselves
Looked at other evidence



Creating a Fighter Jet: Heat, pressure and Fire!

- Documented each part of the plane is very important
- While we were there, we made clay models of fighter jets



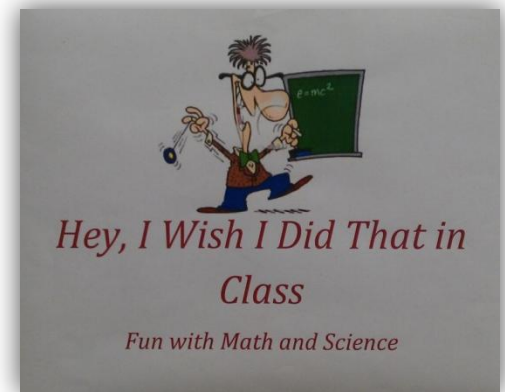
Electrophysics of Music: Catching the Wave



- We learned that...
- A record plays because of different grooves!
- The Theremin is the only instrument played without any contact!
- Waves are the reason your mind works the way it does!
- Some animals hear higher frequencies than most humans.

Hey, I Wish I Did That In Class!

- Challenge: Make a paper airplane that stays aloft the longest
- Worked in teams: manager, builder, pilot, and designer all had an important part



Meteorology

We learned about.....

- Tornados
- Highest wind speed
- Hurricanes
- Blizzards

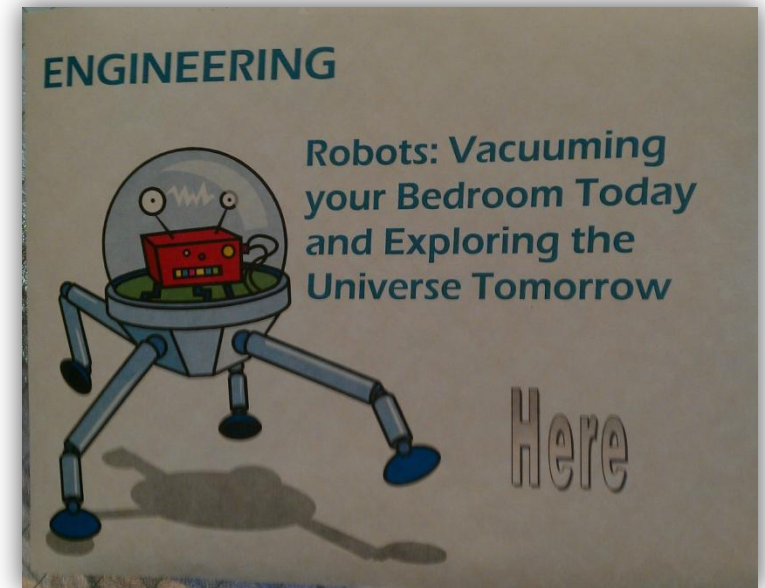


[The Great New England Hurricane](#)



R O B O T I C S

- What we did...
- We learned what a robot is
- Designed our own robots
- Learned the qualities of a robot
- Made a path of dark tape for a detector robot to follow from start to finish!





- Used actual medical tools!
- Met real Veterinarians!



Video Gaming

- We learned how a game is set up
 - Looked at visual
- Different games for different people
- Different difficulties



Lunch at Elms Cafe

At lunch

We didn't have fruit punch

We ate a lot of food

It was very good

Until we all got full

And then we had to pull

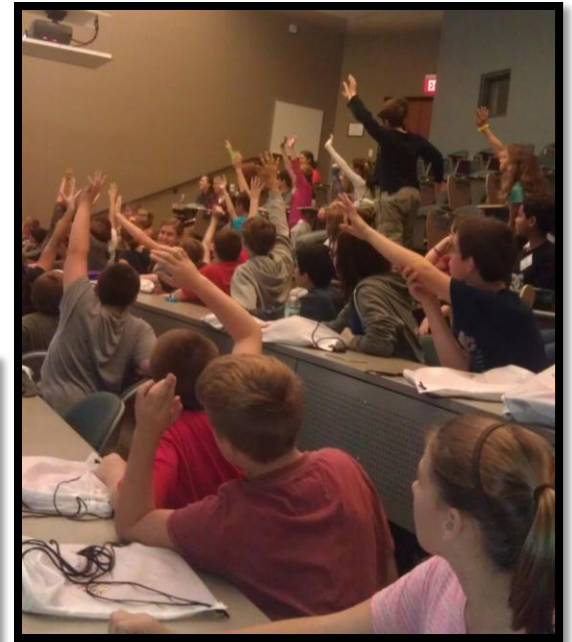
Together to eat more!



Speaker Edwin Guerin

During keynote presentation, we were taught...

- About his job at Microsoft
- How technology has evolved
- About S.T.E.M. careers!



STEM is Awesome!

